

## Sample Degree Map 2019-2020 Physics BS Total Credits Required: 120

| Year One - First Semester           |         |
|-------------------------------------|---------|
| Course Number & Title               | Credits |
| ENG 111 (EC)                        | 3       |
| MTH 231 (MQ) (M)                    | 3       |
| MTH 229 (CO) (M)                    | 1       |
| CHM 141 (LP) (M)                    | 3       |
| CHM 121 (CO) (M)                    | 1       |
| WORLD CULTURES & GLOBAL ISSUES (WG) | 3       |
| COR 100 (US)                        | 3       |
| Total Credits:                      | 17      |

| Year One - Second Semester |         |
|----------------------------|---------|
| Course Number & Title      | Credits |
| ENG 151 (EC)               | 3       |
| CHM 142 (SW) (M)           | 3       |
| CHM 127 (CO) (M)           | 1       |
| MTH 232 (M)                | 3       |
| PHY 120 (M)                | 3       |
| PHY 121 (M) (CO)           | 1       |
| Total Credits:             | 14      |

| Year Two - First Semester |         |
|---------------------------|---------|
| Course Number & Title     | Credits |
| INVIDIUAL & SOCIETY (IS)  | 3       |
| MTH 233 (M)               | 3       |
| PHY 160 (M)               | 3       |
| PHY 161 (M)               | 1       |
| ELECTIVE                  | 4       |
| Total Credits:            | 14      |

| Year Two - Second Semester |         |
|----------------------------|---------|
| Course Number & Title      | Credits |
| CREATIVE EXPRESSION (CE)   | 3       |
| CSC 270 (M)                | 4       |
| MTH 311 (M)                | 4       |
| PHY 240 (SW) (M)           | 3       |
| ELECTIVE                   | 1       |
| Total Credits:             | 15      |

| Year Three - First Semester |         |
|-----------------------------|---------|
| Course Number & Title       | Credits |
| MTH 330 (M)                 | 4       |
| PHY 310 (M)                 | 4       |
| PHY 356 (M)                 | 4       |
| ELECTIVE                    | 4       |
| Total Credits:              | 16      |

| Year Three - Second Semester          |         |
|---------------------------------------|---------|
| Course Number & Title                 | Credits |
| SOCIAL SCIENCE OR TALA (CO) (CW) (PD) | 4       |
| MTH 311 OR 331 (M)                    | 4       |
| PHY 315* (M)                          | 2       |
| PHY 316* (M)                          | 4       |
| Total Credits:                        | 14      |

| Year Four - First Semester   |         |
|--|---------|
| Course Number & Title  | Credits |
| PHY 312 OR 313 OR 318 OR 350 OR 360 OR 365 OR 381 OR 384 OR 425 OR 450 OR 463 OR 485 (M) | 4       |
| PHY 485 (M) (RNL)  | 4       |
| **TECHNICAL ELECTIVE (M)   | 4       |
| ELECTIVE   | 3       |
| Total Credits:   | 15      |

| Year Four - Second Semester  |         |
|--|---------|
| Course Number & Title  | Credits |
| PHY 312 OR 313 OR 318 OR 350 OR 360 OR 365 OR 381 OR 384 OR 425 OR 450 OR 463 OR 485 (M) | 4       |
| PHY 442 (M)  | 4       |
| *TECHNICAL ELECTIVE (M)  | 4       |
| ELECTIVE   | 3       |
| Total Credits:   | 15      |

<sup>\*</sup>See Department for permission to enroll.

<sup>\*\*</sup>Any 300-level or above CSC, ENS, MTH or PHY course may be used to satisfy this requirement.

LEGEND: (EC):English Composition (MQ):Mathematical & Quantitative Reasoning (LP):Life & Physical Sciences (SW):Scientific World (US):US

Experience in Its Diversity (WG):World Cultures & Global Issues (IS):Individual & Society (CE):Creative Expression Arts (CW):Contemporary

World (PD):Pluralism & Diversity (TALA):Textual Aesthetic & Linguistic Analysis (M):Major (CO):College Option (RLA):Liberal Arts (RNL): Non-Liberal Arts